

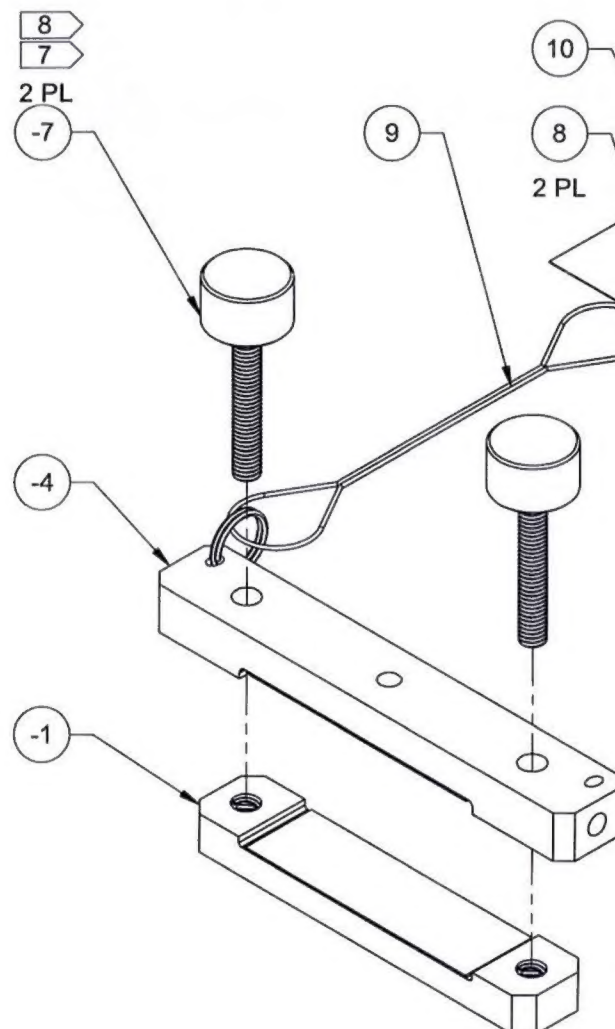
| ITEM # | QTY | PART #                      | PART TITLE                            |
|--------|-----|-----------------------------|---------------------------------------|
| -1     | 1   | RBW6005G01631-3G-1          | BOTTOM CLAMP ASSY                     |
| -4     | 1   | RBW6005G01631-3G-4          | TOP CLAMP ASSY                        |
| -7     | 2   | RBW6005G01631-3G-7          | ADJUSTING SCREW                       |
| 8      | 2   | McMaster#90905A653 OR EQUIV | SS316 SPLIT RING 13/16" OD X 1/8" THK |
| 9      | 1   | McMaster#90312A271 OR EQUIV | LOOP TO LOOP LANYARD 6" LONG          |
| 10     | 1   | NAS1756-12                  | REMOVE BEFORE FLIGHT FLAG             |

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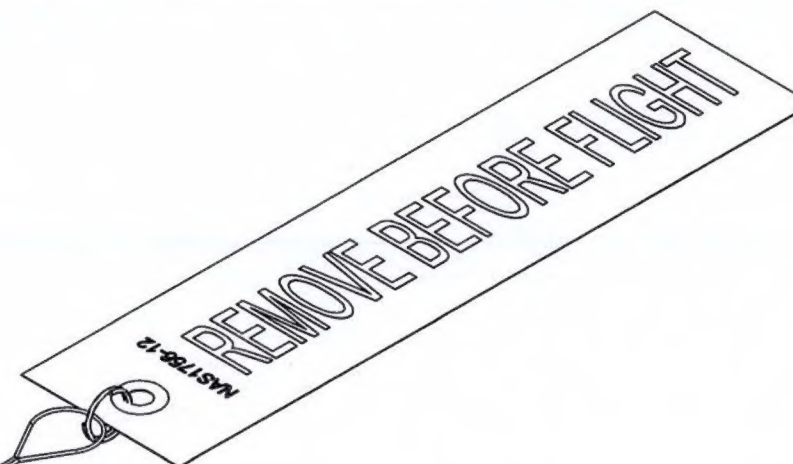
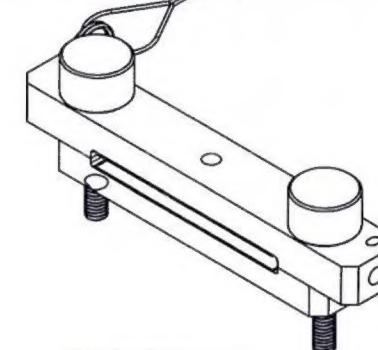
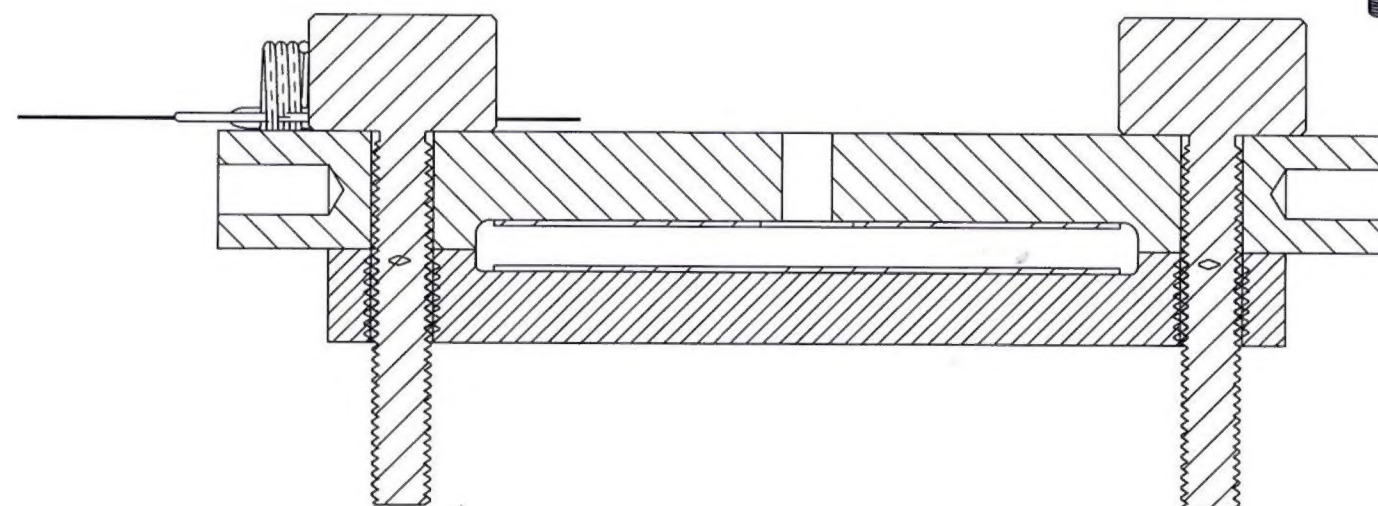
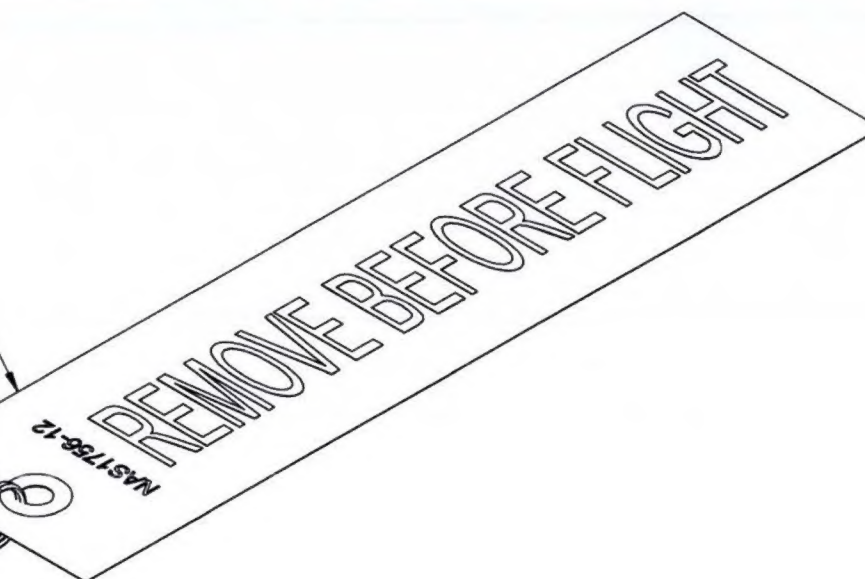
RBW6005G01631-3G DIAL GAUGE (M/R AWSHPL/SCISSORS) SUPPORT

9



## NOTES:

- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) BREAK SHARP EDGES: N/A
- 5) IDENTIFICATION: N/A
- 6) ASSEMBLE AS SHOWN
- 7) APPLY LOCTITE NICKEL BASED ANTI SEIZE ON THREADS OF ITEMS -7 THEN ASSEMBLE WITH ITEMS -4 AND -1
- 8) INSTALL ITEM -7 HAND TIGHT
- 9) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG



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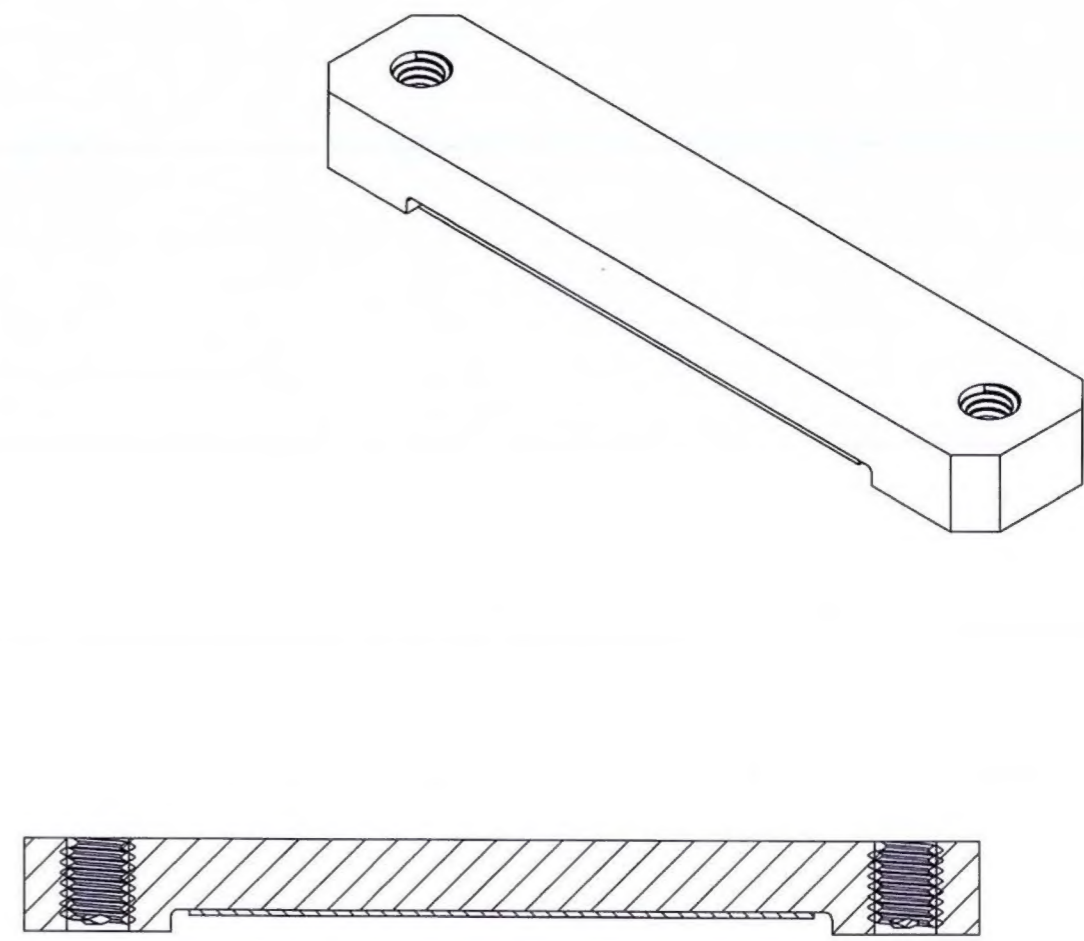
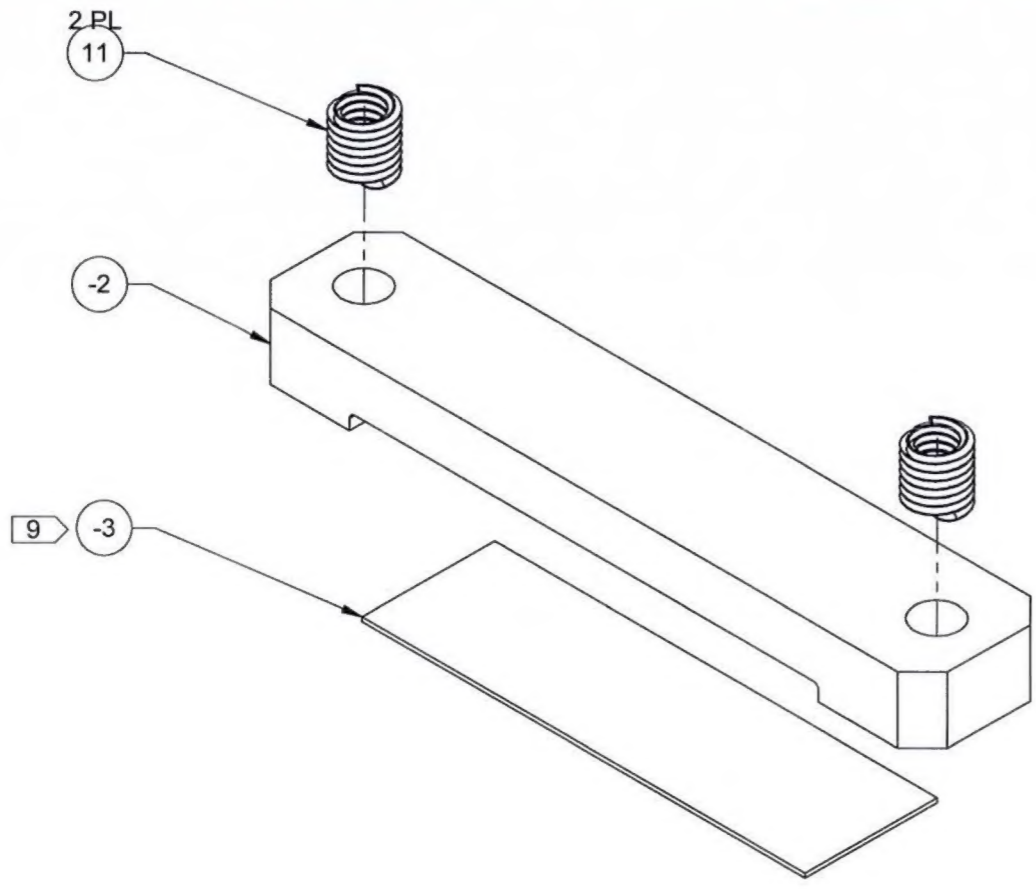
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|            |  |   |    |
|------------|--|---|----|
| B          | REVISED -5: M8X1.25 - 6H WAS M10X1.25 & M8X1.25 - 6H $\nabla$ 0.59 WAS M10X1.25 $\nabla$ 0.59. REVISED NOTES AND FLAGS ACCORDING. REASON ECR 459 | ECR 459   | RF |
| A          | NEW ISSUE  | 18-650  | VM |
| REV.       | DESCRIPTION  | ECN #   | BY |
| DESIGN     | VM   | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA<br>DRAWING NO. <b>RBW6005G01631-3G</b> REV. B<br>SHEET 1 OF 8<br>TITLE <b>DIAL GAUGE (M/R AWSHPL/SCISSORS) SUPPORT</b> SCALE NTS<br><small>COPYRIGHT © 2014 BY DART AEROSPACE LTD<br/> THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD</small> |    |
| DRAWN      | RF   |   |    |
| CHECKED    | MB   |   |    |
| MFG. APPR. | FK   |   |    |
| APPROVED   | SAJ  |   |    |
| DE APPR.   | N/A  |   |    |
| DATE       | 22.12.06   | <small>UNLESS OTHERWISE NOTED</small><br>DIMENSIONS IN INCHES<br>TOLERANCES:<br>XX = $\pm 0.1 / \pm 1.0^\circ$<br>XXX = $\pm 0.01 / \pm 0.5^\circ$<br>XXXX = $\pm 0.005 / \pm 0.1^\circ$<br>XXXXX = $\pm 0.0005 / \pm 0.05^\circ$<br>PARALLELISM, ECCENTRICITY,<br>AND SYMMETRY ABOUT ALL<br>CENTER LINES = $\pm 0.005$<br>BREAK SHARP EDGES:<br>0.005 - 0.010<br>  |    |

| ITEM # | QTY | PART #                      | PART TITLE                              |
|--------|-----|-----------------------------|---|
| -2     | 1   | RBW6005G01631-3G-2          | BOTTOM CLAMP                            |
| -3     | 1   | RBW6005G01631-3G-3          | BOTTOM CLAMP PAD                        |
| 11     | 2   | McMaster#91732A213 OR EQUIV | SS HELICAL INSERT 5/16"-18 x 0.469" LG. |

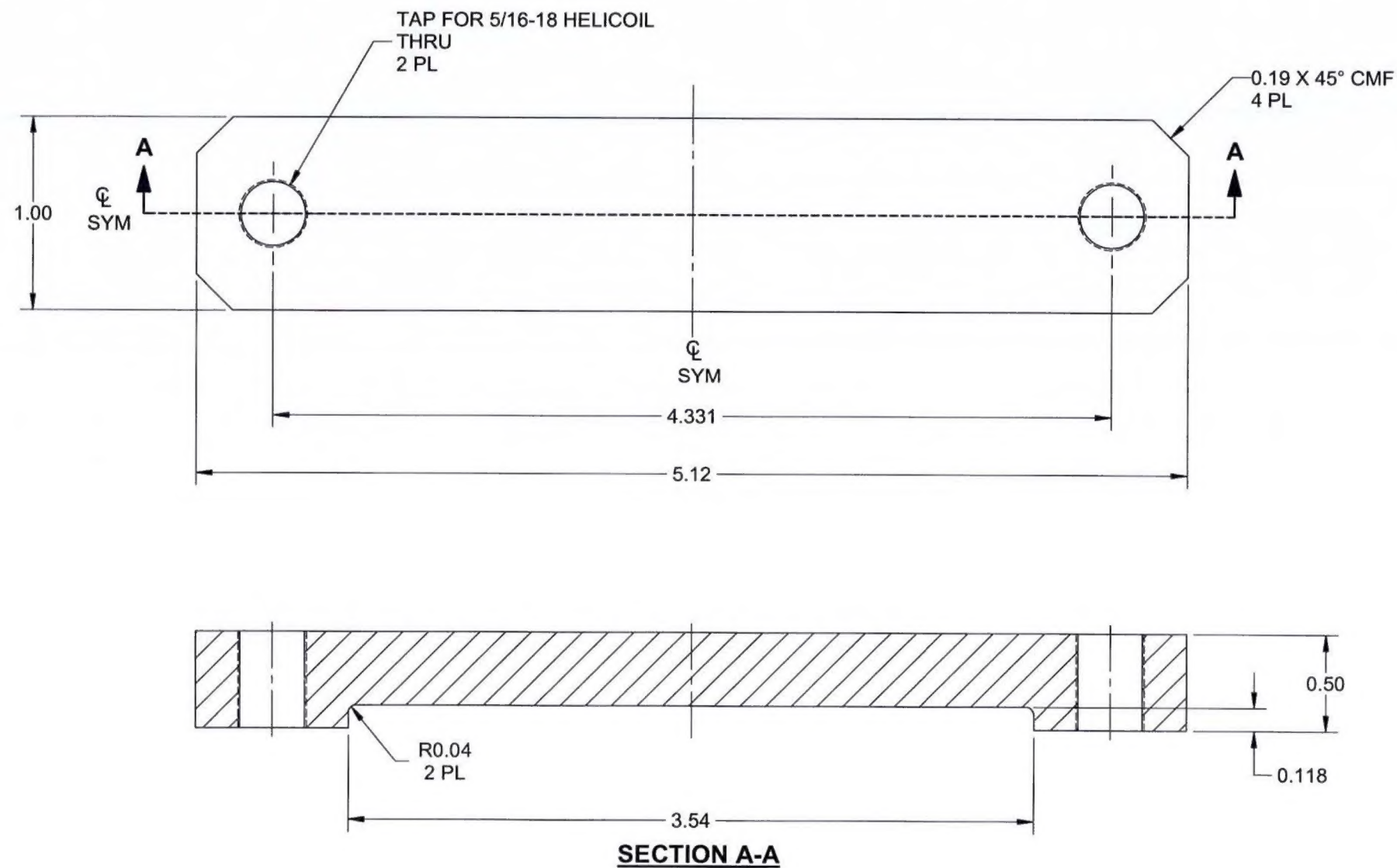


RBW6005G01631-3G-1 BOTTOM CLAMP ASSY

NOTES:  
 1) MATERIAL: N/A  
 2) HEAT TREAT: N/A  
 3) FINISH: N/A  
 4) BREAK SHARP EDGES: N/A  
 5) IDENTIFICATION: N/A  
 6) ASSEMBLE AS SHOWN  
 7) ASSEMBLE ITEM -3 ADHESIVE SIDE WITH ITEM -2  
 8) APPLY LOCTITE 945 BETWEEN THE SURFACES OF ITEM -2 AND ITEM -3 IF NECESSARY, AND REMOVE EXCESS

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|               |     |  |  |        |
|---------------|-----|--|--|--------|
| DESIGN        | VM  | UNLESS OTHERWISE NOTED<br><br>DIMENSIONS IN INCHES<br><br>TOLERANCES:<br>XX = ±0.1 / ±1.0"<br>XXX = ±0.01 / ±0.5"<br>XXXX = ±0.005 / ±0.1"<br>XXXX = ±0.005 / ±0.05"<br>PARALLELISM, ECCENTRICITY,<br>AND SYMMETRY ABOUT ALL<br>CENTER LINES = ±0.005<br><br>BREAK SHARP EDGES:<br>0.005 - 0.010 | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA   |        |
| DRAWN         | RF  |  | DRAWING NO.  | REV. B |
| CHECKED       | MB  |  | RBW6005G01631-3G   |        |
| MFG. APPR.    | FK  |  | SHEET 2 OF 8   |        |
| APPROVED      | SAD |  | TITLE  | SCALE  |
| DE APPR.      | N/A |  | DIAL GAUGE (M/R AWSHPL/SCISSORS) SUPPORT NTS   |        |
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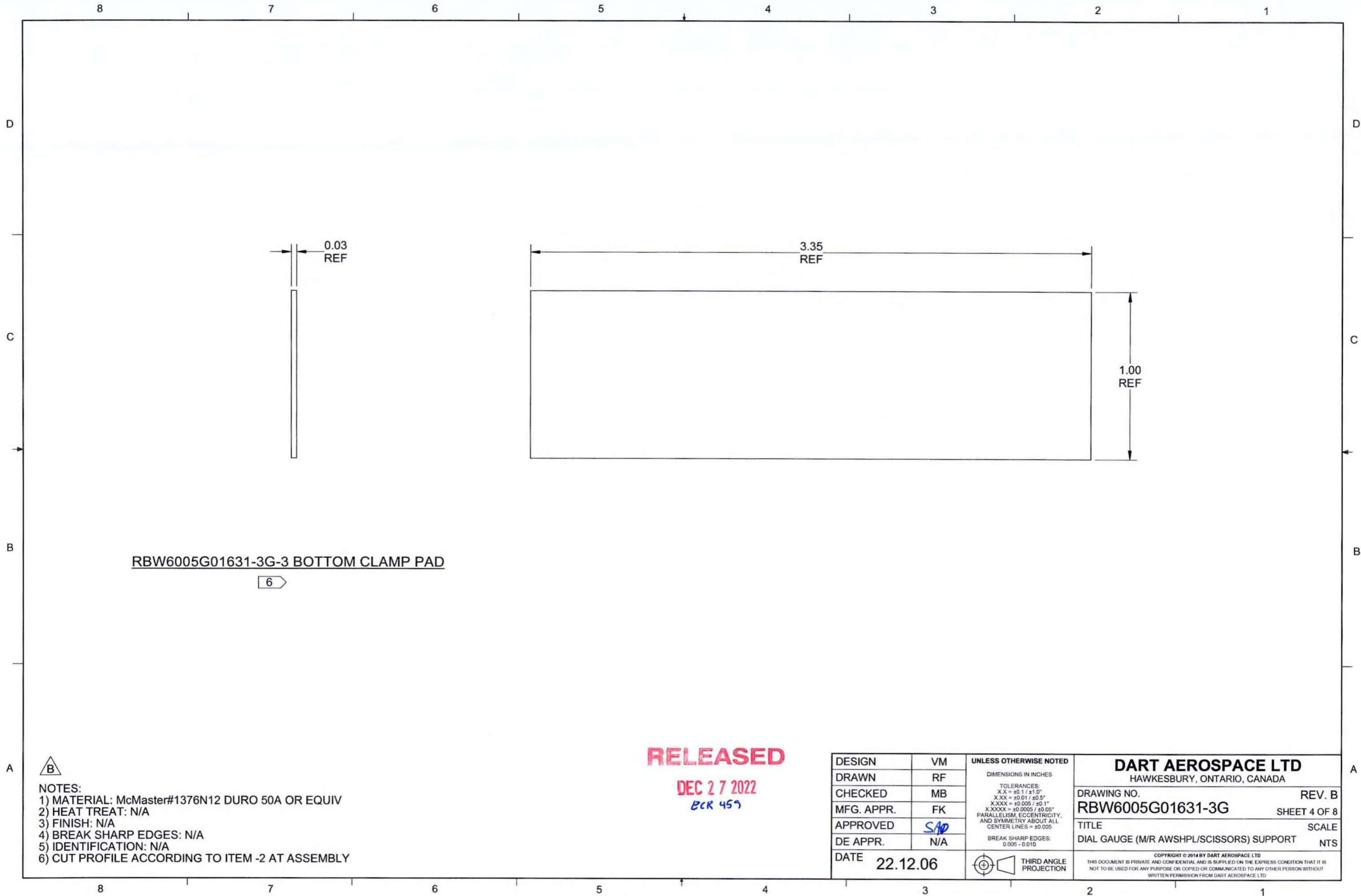


RBW6005G01631-3G-2 BOTTOM CLAMP

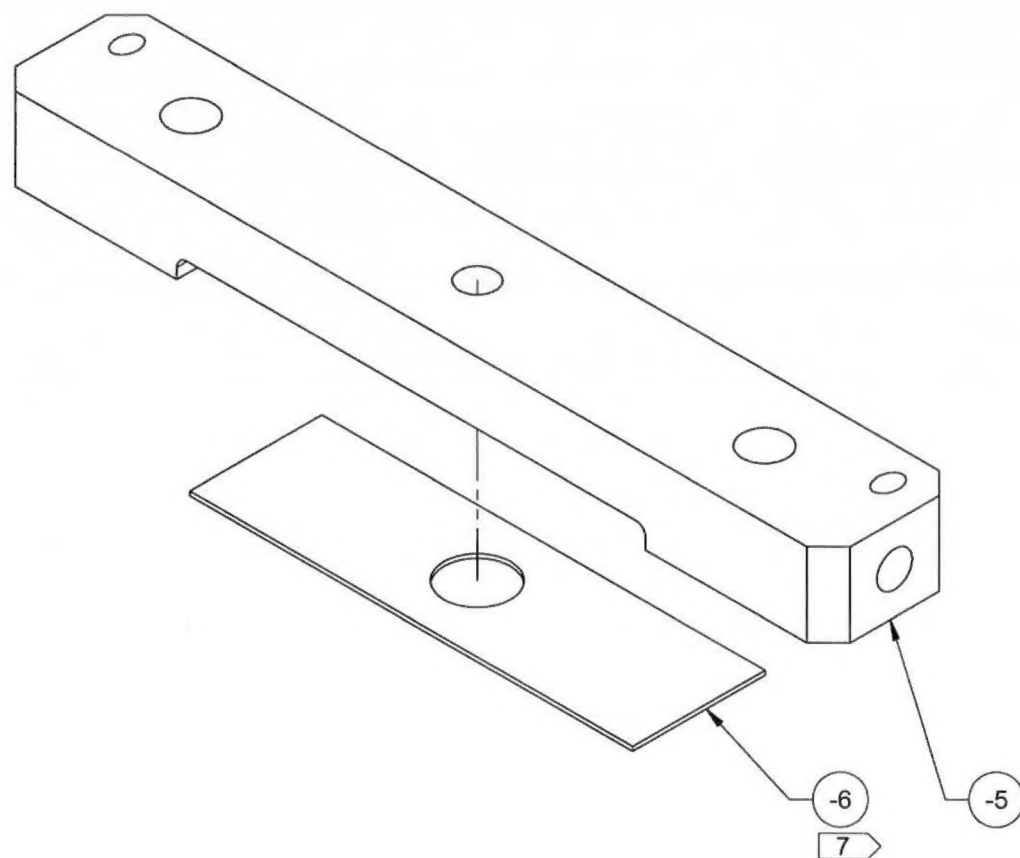
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- NOTES:
- 1) MATERIAL: 6061-T6 / 7075-T6
  - 2) HEAT TREAT: N/A
  - 3) FINISH: ANODIZE RED PER MIL-A-8625 TYPE 2 CLASS 2
  - 4) IDENTIFICATION: N/A

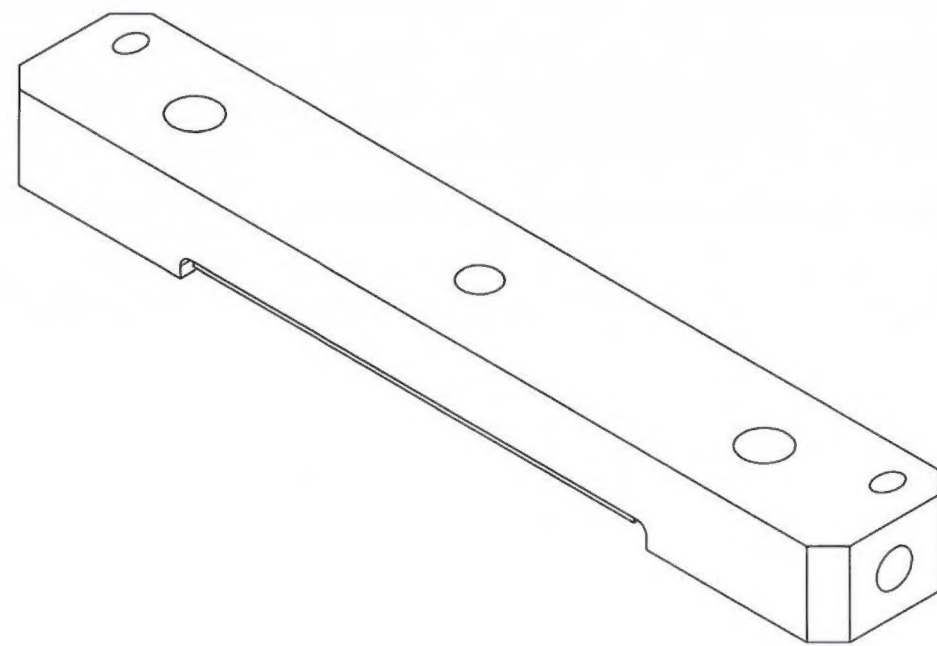
|            |          |  |   |              |
|------------|----------|--|---|--------------|
| DESIGN     | VM       | UNLESS OTHERWISE NOTED<br>DIMENSIONS IN INCHES<br>TOLERANCES:<br>XX = $\pm 0.1 / \pm 0.0$<br>XXX = $\pm 0.01 / \pm 0.05$<br>XXXX = $\pm 0.005 / \pm 0.1$<br>XXXXX = $\pm 0.0005 / \pm 0.05$<br>PARALLELISM, ECCENTRICITY,<br>AND SYMMETRY ABOUT ALL<br>CENTER LINES = $\pm 0.005$<br>BREAK SHARP EDGES:<br>0.005 - 0.010 | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA  |              |
| DRAWN      | RF       |  | DRAWING NO.   | REV. B       |
| CHECKED    | MB       |  | RBW6005G01631-3G  | SHEET 3 OF 8 |
| MFG. APPR. | FK       |  | TITLE   | SCALE        |
| APPROVED   | STO      |  | DIAL GAUGE (M/R AWSHPL/SCISSORS) SUPPORT  | NTS          |
| DE APPR.   | N/A      |  |   |              |
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| ITEM # | QTY | PART #             | PART TITLE    |
|--------|-----|--------------------|---------------|
| -5     | 1   | RBW6005G01631-3G-5 | TOP CLAMP     |
| -6     | 1   | RBW6005G01631-3G-6 | TOP CLAMP PAD |



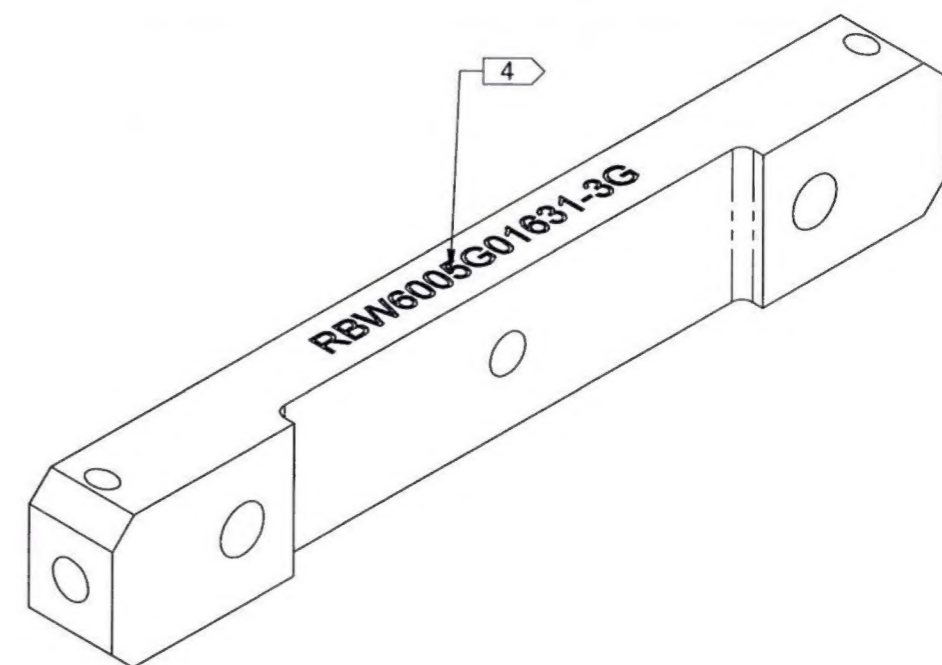
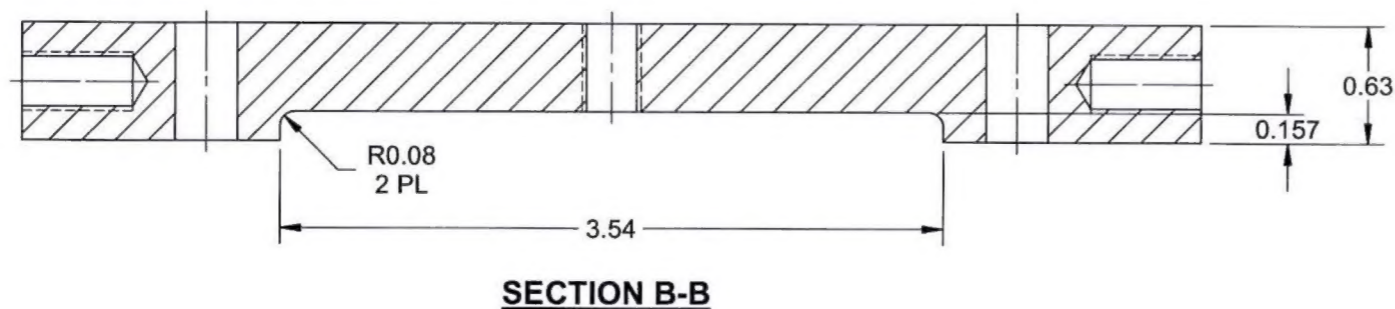
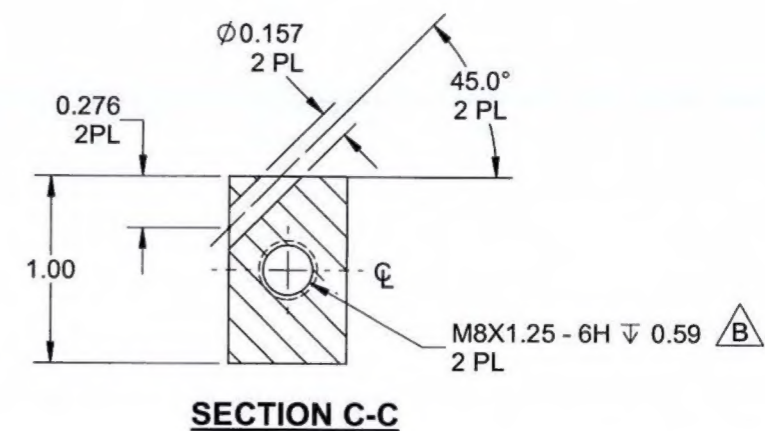
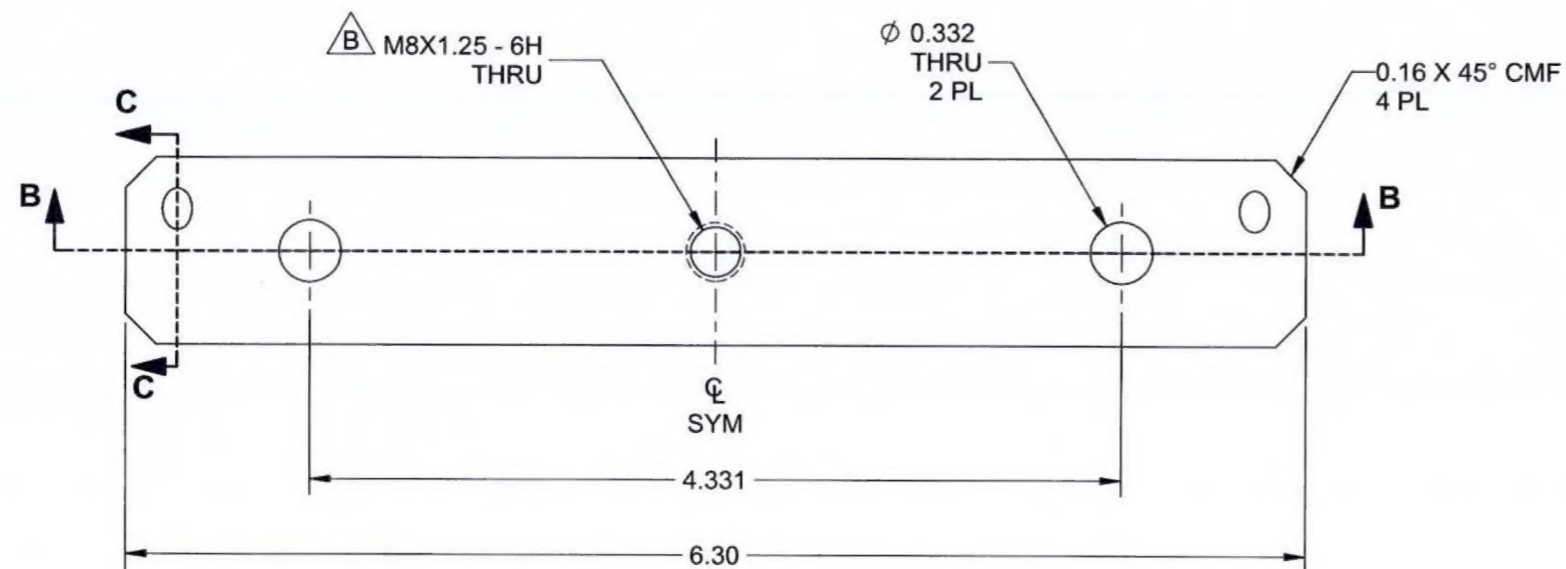
RBW6005G01631-3G-4 TOP CLAMP ASSY



**NOTES:**  
1) MATERIAL: N/A  
2) HEAT TREAT: N/A  
3) FINISH: N/A  
4) BREAK SHARP EDGES: N/A  
5) IDENTIFICATION: N/A  
6) ASSEMBLE AS SHOWN  
7) ASSEMBLE ITEM -6 ADHESIVE SIDE WITH ITEM -5  
8) APPLY LOCTITE 945 BETWEEN THE SURFACES OF ITEM -5 AND ITEM -6 IF NECESSARY, AND REMOVE EXCESS

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| DESIGN     | VM         | UNLESS OTHERWISE NOTED<br>DIMENSIONS IN INCHES<br>TOLERANCES:<br>XX = ±0.1 / ±1.0°<br>XXX = ±0.01 / ±0.5°<br>XXXX = ±0.005 / ±0.1°<br>XXXXX = ±0.0005 / ±0.05°<br>PARALLELISM, ECCENTRICITY,<br>AND SYMMETRY ABOUT ALL<br>CENTER LINES = ±0.005<br>BREAK SHARP EDGES:<br>0.005 - 0.010 | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA   |              |
| DRAWN      | RF         |  | DRAWING NO.  | REV. B       |
| CHECKED    | MB         |  | RBW6005G01631-3G   | SHEET 5 OF 8 |
| MFG. APPR. | FK         |  | TITLE  | SCALE        |
| APPROVED   | <i>SAJ</i> |  | DIAL GAUGE (M/R AWSHPL/SCISSORS) SUPPORT   | NTS          |
| DE APPR.   | N/A        |  |  |              |
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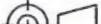
RBW6005G01631-3G-5 TOP CLAMP B

B

- NOTES:
- 1) MATERIAL: 6061-T6 / 7075-T6
  - 2) HEAT TREAT: N/A
  - 3) FINISH: ANODIZE RED PER MIL-A-8625 TYPE 2 CLASS 2
  - 4) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK T/N AS SHOWN

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|            |          |  |  |              |
|------------|----------|--|--|--------------|
| DESIGN     | VM       | UNLESS OTHERWISE NOTED<br><br>DIMENSIONS IN INCHES<br><br>TOLERANCES:<br>X.X = ±0.1 / ±1.0"<br>X.XX = ±0.01 / ±0.5"<br>X.XXX = ±0.005 / ±0.1"<br>X.XXXX = ±0.0005 / ±0.05"<br>PARALLELISM, ECCENTRICITY,<br>AND SYMMETRY ABOUT ALL<br>CENTER LINES = ±0.005<br><br>BREAK SHARP EDGES:<br>0.005 - 0.010 | DART AEROSPACE LTD<br>HAWKESBURY, ONTARIO, CANADA  |              |
| DRAWN      | RF       |  | DRAWING NO.  | REV. B       |
| CHECKED    | MB       |  | RBW6005G01631-3G   | SHEET 6 OF 8 |
| MFG. APPR. | FK       |  | TITLE  | SCALE        |
| APPROVED   | SM       |  | DIAL GAUGE (M/R AWSHPL/SCISSORS) SUPPORT   | NTS          |
| DE APPR.   | N/A      |  |  |              |
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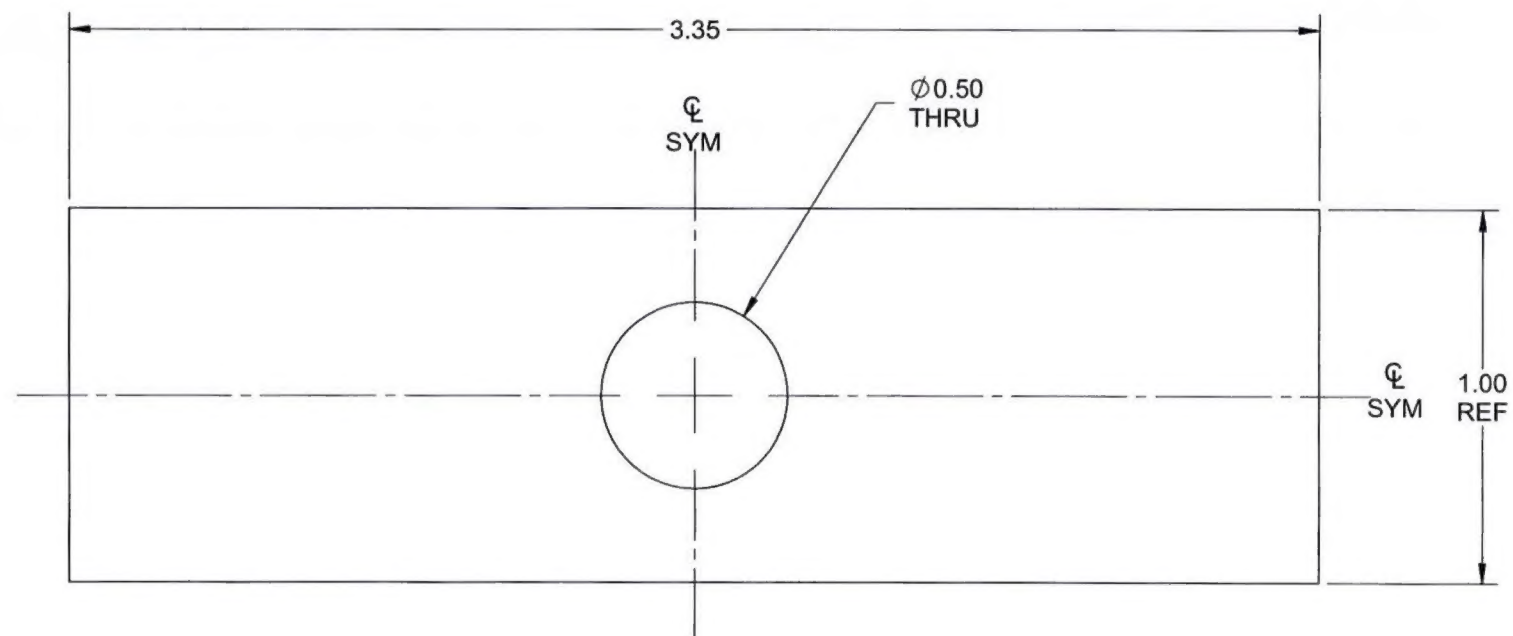
1

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RBW6005G01631-3G-6 TOP CLAMP PAD



NOTES:

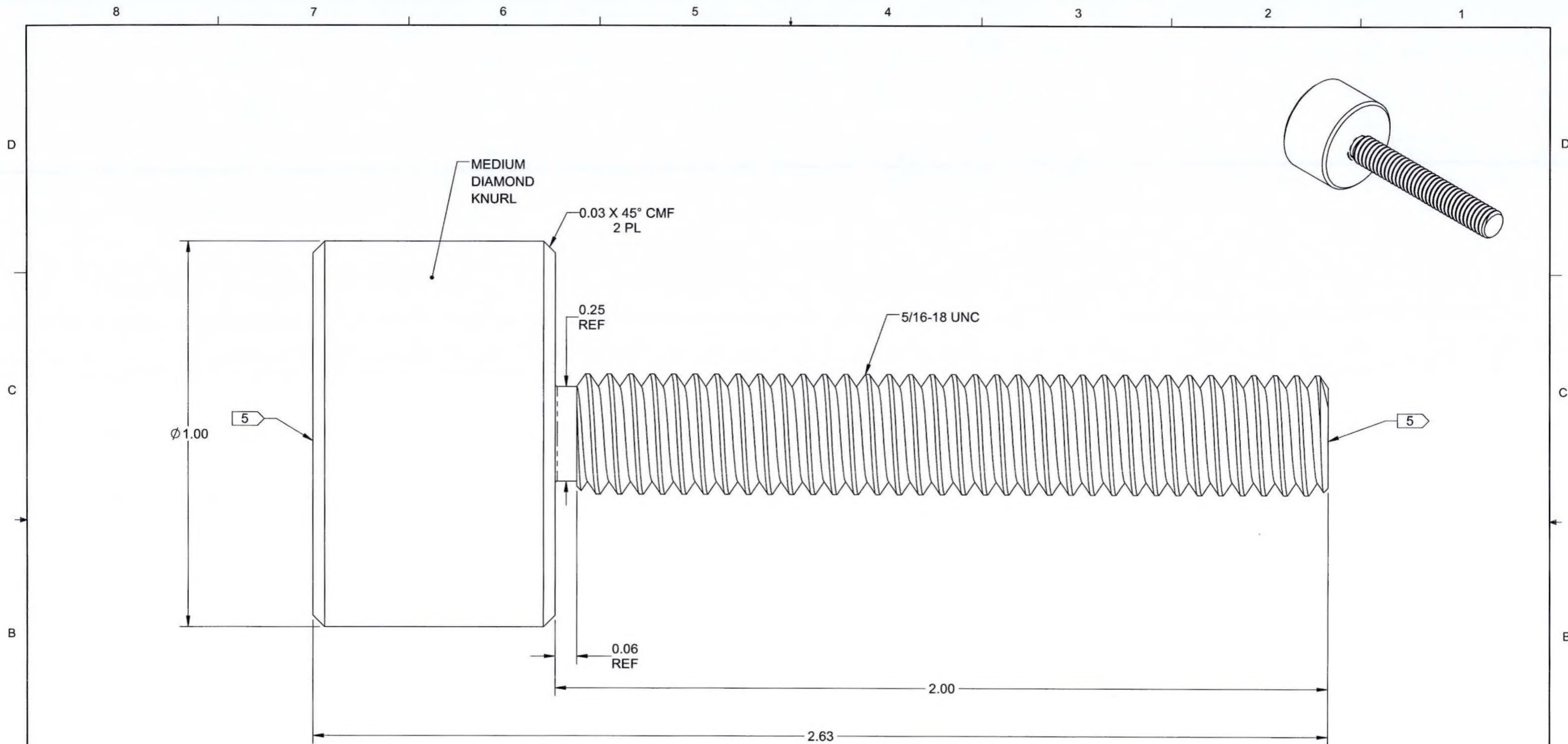
- 1) MATERIAL: McMaster#1376N12 DURO 50A OR EQUIV
- 2) HEAT TREAT: N/A
- 3) FINISH: CHROME PLATE PER QQ-C-320 TYPE 2 CLASS 1
- 4) BREAK SHARP EDGES: N/A
- 5) IDENTIFICATION: N/A

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|            |          |  |   |              |
|------------|----------|--|---|--------------|
| DESIGN     | VM       | UNLESS OTHERWISE NOTED<br>DIMENSIONS IN INCHES<br>TOLERANCES:<br>X.X = ±0.1 / ±1.0°<br>X.XX = ±0.01 / ±0.5°<br>X.XXX = ±0.005 / ±0.1°<br>X.XXXX = ±0.0005 / ±0.05°<br>PARALLELISM, ECCENTRICITY,<br>AND SYMMETRY ABOUT ALL<br>CENTER LINES = ±0.005<br>BREAK SHARP EDGES:<br>0.005 - 0.010 | DART AEROSPACE LTD<br>HAWKESBURY, ONTARIO, CANADA   |              |
| DRAWN      | RF       |  | DRAWING NO.   | REV. B       |
| CHECKED    | MB       |  | RBW6005G01631-3G  | SHEET 7 OF 8 |
| MFG. APPR. | FK       |  | TITLE   | SCALE        |
| APPROVED   | SAJ      |  | DIAL GAUGE (M/R AWSHPL/SCISSORS) SUPPORT  | NTS          |
| DE APPR.   | N/A      |  |   |              |
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RBW6005G01631-3G-7 ADJUSTING SCREW

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B

- NOTES:
- 1) MATERIAL: 303/304/316 STAINLESS STEEL
  - 2) HEAT TREAT: N/A
  - 3) FINISH: N/A
  - 4) IDENTIFICATION: N/A
  - 5) CENTER DRILL IS ACCEPTABLE

|            |          |   |   |              |
|------------|----------|---|---|--------------|
| DESIGN     | VM       | UNLESS OTHERWISE NOTED<br>DIMENSIONS IN INCHES<br>TOLERANCES:<br>X.X = $\pm 0.1 / \pm 1.0^\circ$<br>X.XX = $\pm 0.01 / \pm 0.5^\circ$<br>X.XXXX = $\pm 0.005 / \pm 0.1^\circ$<br>X.XXXXX = $\pm 0.0005 / \pm 0.05^\circ$<br>PARALLELISM, ECCENTRICITY,<br>AND SYMMETRY ABOUT ALL<br>CENTER LINES = $\pm 0.005$<br>BREAK SHARP EDGES:<br>0.005 - 0.010 | DART AEROSPACE LTD<br>HAWKESBURY, ONTARIO, CANADA   |              |
| DRAWN      | RF       |   | DRAWING NO.   | REV. B       |
| CHECKED    | MB       |   | RBW6005G01631-3G  | SHEET 8 OF 8 |
| MFG. APPR. | FK       |   | TITLE   | SCALE        |
| APPROVED   | SAD      |   | DIAL GAUGE (M/R AWSHPL/SCISSORS) SUPPORT  | NTS          |
| DE APPR.   | N/A      |   |   |              |
| DATE       | 22.12.06 | THIRD ANGLE<br>PROJECTION   | THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS<br>NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT<br>WRITTEN PERMISSION FROM DART AEROSPACE LTD |              |